

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:)	
Martin W. McKinnon, III, et al.)	Group Art Unit: 2661
U.S. Application Serial No.: 09/800,981)	
Filed: March 7, 2001)	Examiner: Unknown
For: Allocating Access Across a Shared)	

Atty Docket No.: 8145-33541 (A-8979)

Communications Medium to User Classes)

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JUL 2 3 2003

Technology Center 2600

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

37 C.F.R. §3.73(b) STATEMENT AND POWER OF ATTORNEY

The Assignee for the above-identified U.S. patent application (hereinafter "Patent Application"), and the invention disclosed therein, hereby states pursuant to 37 C.F.R. §3.73(b) that the Assignee is the sole owner of the Patent Application to the exclusion of each inventor thereof.

The Assignee establishes its ownership by submission herewith of a copy of an assignment from each inventor of the Patent Application to ChanneLogics, Inc., and, subsequent thereto, a copy of an assignment from ChanneLogics, Inc., to Scientific-Atlanta, Inc. As the established owner of the Patent Application, the Assignee hereby invokes its right to conduct prosecution of the Patent Application to the exclusion of each named inventor.

The Assignee further hereby revokes all previous powers of attorney and, in replacement thereof, appoints the Attorneys and Patent Agents of Scientific-Atlanta, Inc., associated with Customer Number 05642: Kenneth M. Massaroni, Registration No. 33,015, Hubert J. Barnhardt III, Registration No. 36, 739, John Eric West, Registration No. 46,279, and Shelley L. Couturier, Registration No. 47,503; and the Attorneys and Patent Agents of Morris Manning & Martin, L.L.P., associated with Customer Number 026702, in the records of the U.S. Patent & Trademark Office and as updated from time to time, to prosecute the Patent Application and to transact all business in the U.S. Patent & Trademark Office connected therewith.





WHEREAS, Martin W. McKinnon, III. 4925 Shadowood Parkway, Atlanta, GA 30339

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Allocating Access Across a Shared Communications Medium To User Classes

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:_	09/800,981	Filed on:_	March 7, 2001	; and
WHEREAS.				

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries;
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the 5th day of march	2001
Meti le. Meximon III	·
Assignor, Martin W. McKinnon, III	
Witness#1 Signature	Rachel Ol. Dardow - Hendrig Witness #2 Signature
Witness #1 Name (print)	PACHEL M. DONDERO- HENDRIX Witness #2 Name (print)
2030 Powers Ferry Rd	2030 POWERS FERRY RD, STE 580
Stesso Atlante GA 30339 Witness #1 Address	ALANTA, GA 30339 Witness #2 Address
State of <u>Ceorgia</u> County of <u>Fulton</u> United States of America	ATION
On this 5th day of March	, 2001 personally appeared
Marfin W. MKinnan III to be the person described as Assignor in and acknowledged the same to be his/her free act and of the Notary Public	who executed the foregoing instrument and
My Commission Expires: May 12, 2	002

This the 500 day of March	, <u>2001</u> .	
Channelogics, Inc. Assignee By: Marin. Mad		
Martin W. Mckinnon Name (print)		
Chief technical Office Title	Railel a. Dondero Hender	
Witness #1 Signature	Witness #2 Signature	
Witness #1 Name (print)	RACHEL M. DONDERO-HENDRIX Witness #2 Name (print)	
2030 Powers Ferry Rd. #580	2030 POWERS FERRY PD, STE 580	
Allarta SA 38339 Witness #1 Address	Mitness #2 Address	
State of <u>Ceorgia</u> County of <u>Fulfou</u> United States of America	ATION)	
On this 5th day of March	, 2001, personally appeared	
before me, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth above, and who acknowledged that he/she had the authority to sign on behalf of the Assignee.		
Notary Public		
My Commission Expires: May 12, 20	102	

WHEREAS, Mani M. Subramanian; 1652 Harts Mill Road; Atlanta, GA 30319

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Allocating Access Across a Shared Communications Medium To User Classes

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:_	09/800,981	Filed on:	March 7, 2001	; and
WHEREAS				

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- □ Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries; and
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the 5th day of march	, 2001
Assignor, Mani M. Subramanian	
Witness #1 Signature	Raelul Ol Dondero-Hendus Witness #2 Signature
Witness #1 Name (print)	Witness #2 Name (print)
2000 Powers Ferry Rd. #580	2030 POWERS FLORRY DO, STE 58
Harta 6A 30839 Witness #1 Address	Witness #2 Address
State of Servaria County of Fulfon United States of America	ATION)
On this 5 ^H day of March	, 200/ personally appeared
Mani M. Subramanian to be the person described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in accordance to the actnowledged the same to be his/her free actnowledged the same to be accordance to the actnowledged the same to be accordance to the actnowledged the act	who executed the foregains instrument and eed in and for the purposes set sorth above.
Notary Public Notary Public	MAY 12, 2002 IN
My Commission Expires: May 12, 20	WAY, GEOR

This the day of march	<u>, 2001</u> .
Channelogics, Inc. Assignee By: Mat. U. Mal.	
Martin W. mckinnon Name (print)	
Chief Pechnical OFF	10 e ~
Witness #1 Signature	Rachel M. Wonder Hender's Witness #2 Signature
Witness #1 Name (print)	PACKEL M. DONDERO-HENDRIX Witness #2 Name (print)
2030 Pavers Ferry Rd, #580	2030 POWERS FEELEY PD, STE 5BC
HHanta OH 30339 Witness #1 Address	ATLANTA, GA 3033 9 Witness #2 Address
State of Georgia County of Fulton	ATION)
United States of America	
On this 5 ^{H2} day of March	, 200/, personally appeared
Markin W. McKinnon III. to be the person described in and who executed the same to be his/her free act and deed in and acknowledged that he/she had the authority to sign	for the purposes set forth above, and who
Motary Public Culta Kolke	INGRID ERITOR NO TRANSPORTED IN THE PROPERTY OF THE PROPERTY O
My Commission Expires: May 12, 2	102 P. 1000
	NY/V OEOPZ/

WHEREAS, Timothy Sean Sotack; 1674A LaVista Road; Atlanta, GA 30329

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Allocating Access Across a Shared Communications Medium To User Classes

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:	09/800,981	Filed on:	March 7,	2001	; and
- WHERE AS					

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries;
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the day of	. <u>1006</u> .
Sinh Doon Starl	
Assignor, Timothy Sean Sotack	
Confer	Ralul a. Douder-Hendury
Witness #1 Signature	Witness #2 Signature
Witness #1 Name (print)	PACKEL M. DONDERO- HENDRIX Witness #2 Name (print)
2030 Jowers Ferry Rd#580	2030 POWERS FERRY RD, STE 580
Atlanta 38 30339 Witness #1 Address	ATLANTA, GA 30339 Witness #2 Address
State of <u>Seorgia</u> County of <u>Fulton</u> United States of America	ATION)
On this 5 th day of March	
to be the person described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in acknowledged the same to be his/her free act and described as Assignor in acknowledged the same to be his/her free act and described as Assignor in acknowledged the same to be acknowledged the same to be acknowledged to be acknowledged the same to be acknowledged to b	who executed the foregoing instrument and
Notary Public	May 12 2002
My Commission Expires: May 12, 20	COVER GEORGE

This the 5th day of march	1006
Channelogics, Inc. Assignee By: Math. Mach.	
Martin W. mckinna Name (print)	
Chief Technical Off Witness #1 Signature	Raull Ou. Dondero-Hendux Witness #2 Signature
Witness #1 Name (print)	RACKEL M. DONDERO-HENDRIX Witness #2 Name (print)
Hanta BA S8339 Witness #1 Address	2030 POWERS FERRY PO, STE 580 ATLANTA, GA 30339 Witness #2 Address
State of State of State of State of State of State of States of America	TION
On this 5th day of March,	, personally appeared
to be the person described in and who executed the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be his/her free act and deed in and for acknowledged that he/she had the authority to sign of the same to be act and the same t	on behalf of the Assigner INGRIDE
My Commission Expires: Way 12, 2	902 CERTON MINISTRA

WHEREAS, John Joseph Ehrley; 324 4h Street NE; Atlanta, GA 30308

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

Allocating Access Across a Shared Communications Medium To User Classes

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignor hereby authorizes and requests Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number:	09/800,981	Filed on:	March 7, 2001	; and
WHEREAS.				

Channelogics, Inc.; 2030 Powers Ferry Road, Suite 580; Atlanta, GA 30339

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents does hereby sells, assigns, transfers and conveys, unto Assignee the entire right, title, and interest in, to and under:

- □ The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention;
- Any corresponding applications for patent of the Invention in any and all foreign countries; and
- Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

This the 5 th day of March.	, 2001
Assignor, John Joseph Ehrley	
Witness #1 Signature	Raulul a. Dondero Hendrix Witness #2 Signature
Witness #1 Name (print)	PACHEL M. DONDERO - HENDRIX Witness #2 Name (print)
2030 Powers Ferry Rd.#580	2030 POWERS FERRY ED, STE 580
PHanta BA 30339 Witness #1 Address	Mitness #2 Address
State of Scorgia County of Fulfon United States of America	
On this 5th day of March	, 2001 personally appeared
to be the person described as Assignor in and acknowledged the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in and the same to be his/her free act and described as Assignor in a same to be his/her free act and described as Assignor in a same to be his/her free act and described as Assignor in a same to be his/her free act and described as Assignor in a same to be his/her free act and described as Assignor in a same to be a same to be a same to be also be a same to be a sam	before me, to me known and known to me who executed the foregoing instrument and eed in and for the pure start but habove.
Notary Public My Commission Expires: May 12, 200	12 Ale to State of the state of

This the day of march	, 2001 .
Channelogics, Inc. Assignee By: Matheway	·
Martin W. mckinn Name (print)	<u>0n</u>
Chief Technical Office Title Witness #1 Signature	Tachel Ol. Dondro - Hendux Witness #2 Signature
Witness #1 Name (print)	RACKEL M. DONOERO-HENDRIX Witness #2 Name (print)
2030 Powers Ferry Rd #580	2030 POWERS FERRY RD, STE 580
Atlanta BA 30339 Witness #1 Address	ATLANTA 9A 30339 Witness #2 Address
NOTARIZATION State of Georgia County of Fulton United States of America	
On this 5 th day of March	2001 personally appeared
Martin W. McLinnon The before me, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth above, and who acknowledged that he/she had the authority to sign on behalf of the Assigned English	
Notary Public Euka Kolke	[[](44) 12 2002)[]
My Commission Expires: May 12, 200	02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, ChanneLogics, Inc., a corporation of the State of Georgia, having its principal place of business at 2030 Powers Ferry Road, Suite 580, Atlanta, GA 30339 (hereinafter the "Assignor") owns certain inventions and improvements disclosed in the applications for Letters Patent set forth below (hereinafter the "Assigned Applications"),

#0 US 60/205,963 filed May 19, 2000

MMM File No. 29670

Method and System For Quality Of Service Enhancement For Access Area Networks

#1 US 09/800,717 filed March 7, 2001

MMM File No. 32045

Monitoring and Allocating Access Across A Shared Communications Medium

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#2 US 09/800,735 filed March 7, 2001

MMM File No. 33243

Methods of Allocating Access Across A Shared Communications Medium

#3 US 09/800,608 filed March 7, 2001

MMM File No. 33244

Solicitations for Allocations of Access Across A Shared Communications Medium

#4 US 09/800,803 filed March 7, 2001

MMM File No. 33245

Allocating Access Across A Shared Communications Medium of a DOCSIS 1.0 Compliant Cable Network

#5 US 09/800,861 filed March 7, 2001

MMM File No. 33246

Allocating Access Across A Shared Communications Medium in a Carrier Network

#6 US 09/800,155 filed March 7, 2001

MMM File No. 33247

Computerized Method For Allocating Access Across A Shared Communications Medium

#7 US 09/800,674 filed March 7, 2001

MMM File No. 33540

Allocating Access Across A Shared Communications Medium

US 09/800,981 filed March 7, 2001

MMM File No. 33541

Allocating Access Across A Shared Communications Medium To User Classes

#9 PCT/US01/07209 filed March 7, 2001

MMM File No. 33832

Allocating Access Across Shared Communications Medium

#10 EP National Patent Application based on PCT MMM File No. 35390
Allocating Access Across Shared Communications Medium

#11 US 09/935,514 (Continuation of #9) filed August 23, 2001 MMM File No. 35430 Allocating Access Across Shared Communications Medium To User Classes

WHEREAS, Scientific-Atlanta, Inc., a Georgia corporation, having a place of business at 5030 Sugarloaf Parkway, Lawrenceville, GA, 30044 (hereinafter the "Assignee") is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of sufficiency of which is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee the full, exclusive and entire right, title and interest in and to said Assigned Applications, in and to any divisions, reissues thereof, and in and to all inventions and improvements disclosed and described in said Assigned Applications, preparatory to obtaining Letters Patent of the United States therefore; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Assigned Applications, or from a division, continuation, or reissue thereof, to Assignee, as the Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor by these presents does sell, assign, and transfer to Assignee the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Assigned Applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations, said foreign applications to be filed and issued in the name of Assignee, or its designee insofar as permitted by applicable law.

AND, for the same consideration, Assignor agrees to sign all lawful papers, execute all divisional, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Assignee, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries through the world.

Assignor further agrees that all necessary records of Assignor to establish priority of invention in any interference or similar proceeding will be made available at no additional charge to Assignee, in the event such records are needed in connection with any of the assigned Letters Patent or Assigned Applications for Letters Patent.

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed by its duly authorized officers and its seal to be affixed, this 6^{th} day of November, 2002.

Assignor: ChanneLogics, Inc.

Title: PRESIDENT
)
) ss:
l attesting officer duly authorized to administer oaths, a Notary Public
oresaid, on this 6 th day of November, 2002, personally appeared
personally, and who, being by me duly sworn, deposes and says that
anneLogics, Inc., and that the seal affixed to the foregoing instrument
d corporation, and that said instrument was signed on behalf of said
its Board of Directors, and said Assidut acknowledged said
and deed of said corporation.
ADAMS WILL NOTABY BUBLIS
NOTARY PUBLIC '
My Commission Expires: Aug 11, 200
GEOTI 2004
GEORGIA PUELICO III